

Abstract Of The Disclosure

The present invention relates to controlled airflow and air distribution within a laboratory safety enclosure and in particular, to turbulence-free airflow within a laboratory fume hood. The fume hood of the present invention has a work chamber
5 and an access opening having an upper edge. A horizontal air deflector structure is positioned adjacent to the upper edge of the access opening to divert a portion of air entering the access opening upwardly within the chamber, whereby the diverted air eliminates an airflow eddy current.